HOWREY & SIMON

April 28, 1999

Attorneys at Law 1299 Pennsylvania Ave., NW Washington, DC 20004-2402 (202) 783-0800 FAX (202) 383-6610



Box Patent Application



Assistant Commissioner for Patents Washington, D.C. 20231

Re:

U.S. Non-Provisional Utility Patent Application

Application No.: To Be Assigned

Filed:

Herewith

For:

Nucleic Acid Molecules and Other Molecules Associated with the Phosphogluconate Pathway

Inventors:

Nordine CHEIKH et al.

Atty. Docket:

04983.0031.US01/38-21(15365)B

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

- 1. Utility Patent Application Transmittal (PTO/SB/05);
- 2. U.S. Utility Patent Application entitled:

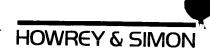
Nucleic Acid Molecules and Other Molecules Associated with the Phosphogluconate Pathway

and naming as inventors:

Nordine Cheikh, Jingdong Liu, and Virginia M. Peschke

the application consisting of:

- a. A specification containing:
 - (i) <u>.242</u> pages of a description prior to the claims;
 - (ii) _____5 pages of claims (_9__ claims);
 - (iii) a one (1) page abstract; and
 - (iv) 237 pages of a sequence listing;
- 3. A computer readable disk copy of the sequence listing;



- 4. Statement Regarding Sequence Submission; and
- 5. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This application claims priority under 35 U.S.C §119(e) and/or 35 U.S.C §120 of applications No. 60/083,390, filed April 29, 1998, which is herein incorporated by reference in its entirety.

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

Respectfully submitted,

David R. Marsh (Reg. No. 41,408)

SCANNED?

Enclosures

Please type a plus sign (+) inside this box -

PTO/SB/05 (2/98)

oved for use through 09/30/00. OMB 0651-0032 Patent and Tradenia.k Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB							
UTILITY		Attorney Dock	Attorney Docket No. 04983.0031.US01/38-21(15365)B				
PATENT A	First Named In	First Named Inventor or Application Identifier CHEIKH					
TRAN	Title Nuc	Title Nucleic Acid Molecules And Other Molecules Associated With					
(Only for new nonprovisional		the Phosphogluconate Pathway					
Ех			Express Mail Label No.				
See MPEP chapter 600 concern	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231						
	rm (Form PTO-1082) a duplicate for fee processing)		6.	Microfiche C	omputer Pro	gram (Appendix)	
2. Specification (preferred arrangement	248]	7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)					
- Descriptive title of	a. Computer Readable Copy						
- Cross References to Related Applications				Z compa	ioi itouduoio	, 4	
 Statement Regarding Fed sponsored R&D Reference to Microfiche Appendix 			b. Paper Copy (identical to computer.				
- Background of the - Brief Summary of	Invention		c.	Stateme copies	ent verifying	identity of ab	
- Brief Description of the Drawings (if filed)			ACCOMPANYING APPLICATION PARTS				
- Detailed Description			8.			heet & document(s))	
🗒 - Claims			9.	37 CFR 3.73(b)	•	Power of	
- Claims - Abstract of the Disclosure				(when there is a		Attorney	
3. Drawing(s) (35 USC)	(113) [Total Sheets]	10.	English Trans	slation Docur	ment (if applicable)	
4. Oath or Declaration [Total Pages]			11.	Information I Statement (ID:		Copies of IDS Citations	
a. Newly executed (original or copy)			12.	Preliminary A	Amendment		
Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below]			13.	Return Receip		MPEP 503) (Two)	
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the price application, and 27 CFR 1 (2)(4)(2) and			14.	*Small Entity Statement(s)		Statement filed in prior application, Status still proper and desired	
1.33(b).			15.	Certified Cop		Document(s)	
5. Incorporation By Reference (useable if Box 4b is checked)			16.	Other:			
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered							
as being part of the disclosure of the accompanying application				*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF			
	orated by reference therein.	i di	ONE FILED IN	A PRIOR APPLICATION	ON IS RELIED UPO	37 C.F.R. § 1.27), EXCEPT IF ON (37 C.F.R. § 1.28).	
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:							
Continuation Divisional Continuation-in-part (CIP) of prior application No: /							
Prior Application Information: Examiner: Group/Art Unit:							
18. CORRESPONDENCE ADDRESS							
Customer Number or Bar Code Label or Correspondence address below (Insert Customer No. or Attach bar code label here)							
David R. Marsh, Esq.							
NAME HOWREY & SIMON							
Box No. 34							
ADDRESS 1299 Pennsylvania Avenue, N.W.							
CITY Washingto		DC		ZIP COI	DE	20004-2402	
COUNTRY US	TELEPHONE	202-783-080	00	FAX		202-383-7195	
		Registration No.	Registration No. (Attorney/Agent)		41,408		
Signature				Date	April 28, 199	9	